



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010527
CERTIFICATION DATE: December 17, 2013
DATE RECERTIFICATION DUE: June 15, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

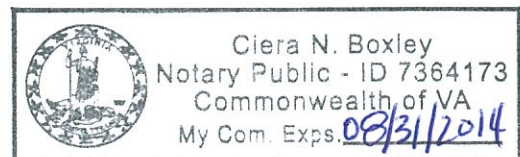
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of
December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



JDB/11
TLV

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/19/2013**

Instrument Serial Number: 010527 **As of 19-Dec-13**

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
17-Dec-13	17-Dec-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
10-Jul-13	10-Jul-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
24-Jan-13	24-Jan-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
01-Aug-12	01-Aug-12	DBH (21250)	CERTIFIED.
15-Feb-12	15-Feb-12	DBH (21250)	CERTIFIED
08-Dec-11	23-Aug-11	HMS (18910)	RESET PRINTER.
23-Aug-11	23-Aug-11	DBH (21250)	CERTIFIED
22-Mar-11	22-Mar-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
06-Oct-10	06-Oct-10	DBH (21250)	CERTIFIED
28-Apr-10	28-Apr-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
04-Nov-09	04-Nov-09	DBH (21250)	CERTIFIED
21-May-09	21-May-09	DBH (21250)	REPLACED PRINTER, FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
12-Dec-08	12-Dec-08	DBH (21250)	CERTIFIED.
17-Nov-08	17-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
TLJ

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010527 Worksheet Start Date 12/17/2013
Location Blacksburg PD
Address 200 Clay St Blacksburg VA 24060
DFS Technician Donald Hall License No. 21250
☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 700 Reference Barometer (mm HG) 705
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.300	0.276	0.267	0.284	0.280	
Precision		sample min	sample max		
0.001		0.279	0.280	0.279	

Standard (sea level)	PA Target	minimum	maximum	Sample 1	
0.100	0.092	0.089	0.095	0.092	
Precision		sample min	sample max		
0		0.092	0.092	0.092	

Dry gas standard Lot No. (with tank no.) AG316301-15

☒ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:

25

Notes:

Instrument Serial Number

010527

Certification Date

12/17/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.230
0.250	0.230	0.223	0.236	Sample 2	0.230
Precision		sample min	sample max	Sample 3	0.230
0		0.230	0.230		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.138
0.150	0.138	0.133	0.142	Sample 2	0.138
Precision		sample min	sample max	Sample 3	0.138
0		0.138	0.138		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.074
0.080	0.074	0.071	0.077	Sample 2	0.074
Precision		sample min	sample max	Sample 3	0.074
0		0.074	0.074		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.018
0.020	0.018	0.015	0.021	Sample 2	0.018
Precision		sample min	sample max	Sample 3	0.018
0		0.018	0.018		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Donald B Hall

Date

12/19/13

Issuing Analyst

[Signature]

Date

*12/20/13**MSK*

DBH
TLW

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010527 Test Number: 898

Test Date: 12/17/2013 Test Time: 12:57 EST

Technician Initials: DBH

Dry Gas Target: 0.230

Lot Number: 2961225012-10 Exp Date: 11/01/2014

Tank Pressure: 66 psi Barometric Pressure: 700 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:58
BLK	0.000	12:59
CHK	0.230	12:59
BLK	0.000	13:01
CHK	0.230	13:02
BLK	0.000	13:03
CHK	0.230	13:04
BLK	0.000	13:05

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
trv

Department of Forensic Science

Serial Number: 010527 Test Number: 899
Test Date: 12/17/2013 Test Time: 13:08 EST

Technician Initials: DBH

Dry Gas Target: 0.138

Lot Number: 2951215012-03 Exp Date: 11/01/2014

Tank Pressure: 414 psi Barometric Pressure: 700 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:09
BLK	0.000	13:09
CHK	0.138	13:10
BLK	0.000	13:12
CHK	0.138	13:12
BLK	0.000	13:14
CHK	0.138	13:14
BLK	0.000	13:16

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TLV

Department of Forensic Science

Serial Number: 010527 Test Number: 900

Test Date: 12/17/2013 Test Time: 13:18 EST

Technician Initials: DBH

Dry Gas Target: 0.074

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 982 psi Barometric Pressure: 699 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:19
BLK	0.000	13:20
CHK	0.074	13:20
BLK	0.000	13:22
CHK	0.074	13:22
BLK	0.000	13:24
CHK	0.074	13:24
BLK	0.000	13:26

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

DBH
TKN

Department of Forensic Science

Serial Number: 010527 Test Number: 901

Test Date: 12/17/2013 Test Time: 13:28 EST

Technician Initials: DBH

Dry Gas Target: 0.018

Lot Number: 0771302011-02 Exp Date: 05/01/2015

Tank Pressure: 801 psi Barometric Pressure: 699 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	13:28
BLK	0.000	13:29
CHK	0.018	13:30
BLK	0.000	13:31
CHK	0.018	13:32
BLK	0.000	13:33
CHK	0.018	13:34
BLK	0.000	13:35

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

DBH
Trw

Department of Forensic Science

Serial Number: 010527 Test Number: 902

Test Date: 12/17/2013 Test Time: 13:38 EST

Dry Gas Target: 0.276

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 325 psi Barometric Pressure: 699 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:39
CHK	0.280	13:40
BLK	0.000	13:42
CHK	0.280	13:42
BLK	0.000	13:44
CHK	0.279	13:45

Test Status: Success

Calibration CRC: 7DDF81B0

Intox EC/IR-II: Accuracy Check

DB4
TAN

Department of Forensic Science

Serial Number: 010527 Test Number: 903

Test Date: 12/17/2013 Test Time: 13:49 EST

Dry Gas Target: 0.092

Lot Number: AG316301-15 Exp Date: 06/12/2015

Tank Pressure: 571 psi Barometric Pressure: 699 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:49
CHK	0.092	13:50
BLK	0.000	13:52
CHK	0.092	13:52
BLK	0.000	13:54
CHK	0.092	13:54

Test Status: Success

Calibration CRC: 7DDF81B0

DBH
TLW



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/17/2013
TEST EQUIPMENT NUMBER 010527		

RESULTS: TIME SAMPLE TAKEN 14:04 EST
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 19 Dec 2013 at 09:11

DBH
TLN

Test Results

Instrument Serial Number 010527

Test # 000904 Subject Test

Test Location 1 Department of

Test Date 17 Dec 2013

Test Location 2 Forensic Science

Test Time 13:58

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name HALL

Agency DFS Central Lab

Card Serial Number 121250

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

End Date 17 Dec 2013

End Time 14:05

Data Type DIAG

Data Type BLK

Data Type CHK

Data Type BLK

Data Type SUBJ

Data Type BLK

Data Type SUBJ

Data Type BLK

Standard Type Dry Gas Std

Standard Lot Number AG316301-15

Tank Pressure 566

Blow Sample Number 1

Blow Duration 3.17 sec

Blow Sample Number 2

Blow Duration 3.66 sec

Tamper Evident Stamp 7aad5c11

Test Status Success

Operator's First Name DONALD

Effective Date 10/01/2012

Subject's Date of Birth 00/00/0000

License Number 21250

Subject's First Name TEST

Driver's License Expiration 00/00/0000

Court Name DFS

Result Date 17 Dec 2013

Result Time 14:04

Sample Value Pass

Sample Value 0.000

Sample Value 0.092

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Standard Value 0.092

Standard Expiration Date 06/12/2015

Barometric Pressure 699 mmHg

Blow Volume 1784 cc

End-of-Blow Time 14:01

Blow Volume 1917 cc

End-of-Blow Time 14:04

Test Status Code 0